

STATE OF MARYLAND

DHMH

Maryland Department of Health and Mental Hygiene 300 W. Preston Street, Suite 202, Baltimore, Maryland

21201

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Weekly Heat-related Illness Surveillance Report

June 26, 2012 Reporting for 06/19/12 through 06/25/12

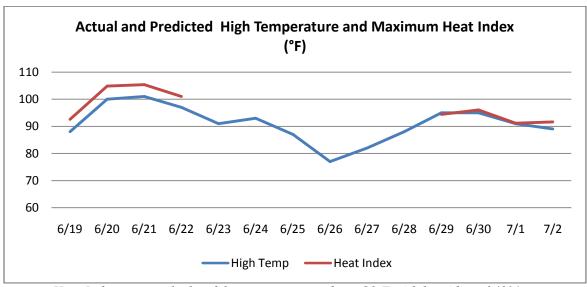
This information is used to make a Heat Advisory but is not a Heat Advisory in itself.

National Weather Service Forecast: Potential Heat Events 6/29 and 6/30

Heat Advisories Declared During the Previous Week: 2

Total Heat Advisories Declared This Year: 2

The National Weather Service forecasts a potential heat index of over 100°F for jurisdictions in the central region of Maryland on Friday, June 29th and Saturday, June 30th. Temperatures in Central and Southern Maryland are expected to reach 95°F on both days.



Heat Indexes are calculated for temperatures above 80°F with humidity of 43% or greater.

Emergency Department Chief Complaints Regarding Heat-related Illnesses 80 70 40 40 10 0

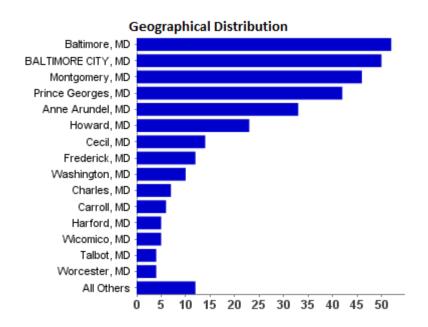
Date

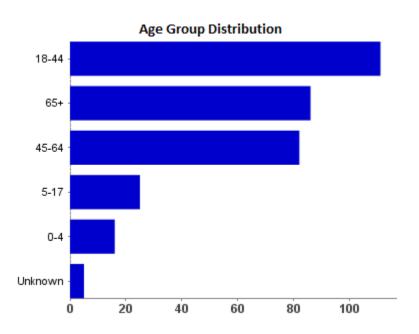
Data: Warning ■ Data: Alert

Date	Number of Chief Complaints Regarding Heat-related Illnesses
June 19	27
June 20	47
June 21	85
June 22	54
June 23	37
June 24	49
June 25	26

^{*}Note: The ESSENCE chief complaint query contains the following terms: hyperthermia, heat, dehydration, and sun

There were no chief complaint clusters identified during the week.





There have been a total of 0 heat-related deaths thus far in 2012.

Heat Advisory criteria: A Heat Advisory will be made for heat index values of 105°F or greater. We may issue a Heat Advisory for combinations of conditions such has high temperature, extended heat waves, humidity, poor air quality, and high UV. Criteria are based on National Weather Service guidelines.¹

Note: The heat report will be released on Tuesdays, with the reporting period being the previous Tuesday through Monday. The results from the query used in ESSENCE to track heat-related illnesses may be an overestimation of the actual burden of illness related to the hot weather. This overestimation is due to the nature of the query, which includes the term dehydration, a condition that may be caused by factors other than heat. OP&R will be issuing heat reports through the beginning of September 2012.

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¹ NWS Heat Index Chart: http://www.nws.noaa.gov/os/heat/images/heatindex.png